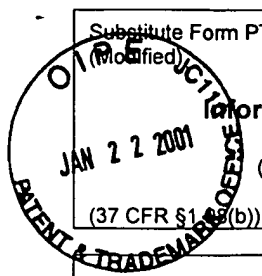


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Sheet 1 of 2



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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 08191-013001	Application No. 09/664,225
Information Disclosure Statement by Applicant (Use several sheets if necessary)				Applicant Hedley et al.	
(37 CFR §1.9(b))				Filing Date September 18, 2000	Group Art Unit 1615

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Dr	AA	5,733,548	3/31/98	Restifo et al.	424	184.1	
	AB	5,840,306	11/24/98	Hofmann et al.	424	186.1	
	AC	5,846,540	12/8/98	Restifo et al.	424	192.1	
	AD	5,880,103	3/9/99	Urban et al.	514	44	
	AE	5,962,428	10/5/99	Carrano et al.	514	44	
	AF	6,013,258	1/11/00	Urban et al.	424	186.1	
	AG	6,037,135	3/14/00	Kubo et al.	435	7.24	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
Dr	AH	WO 94/03205		PCT				
	AI	WO 96/03144A1		PCT				
	AJ	WO 97/34617		PCT				
	AK	WO 97/34621		PCT				
	AL	WO 99/18995		PCT				
	AM	WO 99/45954		PCT				
	AN	WO 99/58658		PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
Dr	AO	An et al. "A Multivalent Minigene Vaccine, Containing B-Cell, Cytotoxic T-Lymphocyte, and T _H Epitopes from Several Microbes, Induces Appropriate Responses In Vivo and Confers Protection Against More Than One Pathogen" J. VIROLOGY, 71(3):2292-2302 (March 1997)
	AP	Donahoe et al. "Direct Measurement of CD8+ T Cell Responses In Macaques Infected With Simian Immunodeficiency Virus" VIROLOGY, 272:347-356 (2000)
	AQ	Hanke et al. "DNA Multi-CTL Epitope Vaccines for HIV and Plasmodium Falciparum: Immunogenicity In Mice" VACCINE, 16(4):426-435 (1998)
	AR	Hanke et al. "Effective Induction of HIV-Specific CTL By Multi-Epitope Using Gene Gun In a Combined Vaccination Regime" VACCINE, (17):598-596 (1999)
	AS	Hanke et al. "Immunogenicities of Intravenous and Intramuscular Administrations of Modified Vaccinia Virus Ankara-Based Multi-CTL Epitope Vaccine for Human Immunodeficiency Virus Type 1 In Mice" J. GENERAL VIROLOGY, 79:83-90 (1998)

Examiner Signature 	Date Considered 4/19/07
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

08191-013001

Application No.

09/664,225

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant

Hedley et al.

Filing Date

September 18, 2000

Group Art Unit

1615

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Other Documents (include Author, Title, Date, and Place of Publication)

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Examiner Initial	Desig. ID	Document
<i>Dr</i>	AT	Hanke et al. "Pre-Clinical Development of a Multi-CTL Epitope-Based DNA Prime MVA Boost Vaccine for AIDS" IMMUNOLOGY LETTERS, 66:177-181 (1999)
	AU	Ishioka et al. "Utilization of MHC Class I Transgenic Mice for Development of Minigene DNA Vaccines Encoding Multiple HLA-Restricted CTL Epitopes" J. IMMUNOL., 162:3915-3925 (1999)
	AV	Kast "Role of HLA-A Motifs in Identification of Potential CTL Epitopes in Human Papillomavirus Type 16 E6 and E7 Proteins" J. IMMUNOL., 152:3904-3912 (1994)
	AW	Lalvani "An HLA-Based Approach To the Design Of a CTL-Inducing Vaccine Against <i>Plasmodium Falciparum</i> " RES. IMMUNOL, 145(6):461-468 (July-August 1994)
	AX	Nixon et al. "Simian Immunodeficiency Virus-Specific Cytotoxic T Lymphocytes and Protection Against Challenge In Rhesus Macaques Immunized With a Live Attenuated Simian Immunodeficiency Virus Vaccine" VIROLOGY, 266:203-210 (2000)
	AY	Suhrbier "Multi-Epitope DNA Vaccines" IMMUNOL. CELL BIOL., 75:402-408 (1997)
	AZ	Thomson et al. "Minimal Epitopes Expressed In a Recombinant Polyepitope Protein Are Processed and Presented to CD8 ⁺ Cytotoxic T Cells: Implications for Vaccine Design" PROC. NATL. ACAD. SCI., 92:5845-5849 (June 1995)
	AAA	Thomson et al. "Recombinant Polyepitope Vaccines for the Delivery of Multiple CD8 Cytotoxic T Cell Epitopes" J. IMMUNOL., 157:822-826 (1996)
	ABB	Thomson et al. "Delivery of Multiple CD8 Cytotoxic T Cell Epitopes by DNA Vaccination" J. IMMUNOL., 160:1717-1723 (1998)
	ACC	Toes et al. "Protective Anti-Tumor Immunity Induced By Vaccination With Recombinant Adenoviruses Encoding Multiple Tumor-Associated Cytotoxic T Lymphocyte Epitopes In a String-of-Beads Fashion" PROC. NATL. ACAD. SCI., 94:14660-14665 (December 1997)
	ADD	von Heijne, Gunnar "A New Method for Predicting Signal Sequence Cleavage Sites" NUCLEIC ACIDS RESEARCH, 14(11):4683-4690 (1986)
<i>Dr</i>	AEE	Whitton et al. "A "String-of-Beads" Vaccine, Comprising Linked Minigenes, Confers Protection From Lethal-Dose Virus Challenge" J. VIROLOGY, 67(1):348-352 (January 1993)

Examiner Signature

Dr

Date Considered

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 1

Substitute Form PTO-1449 (Modified) Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 08191-013001	Application No. 09/663,225
	Applicant Mary Lynne Hedley et al.			
	Filing Date September 18, 2000		Group Art Unit 1615	

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
P	AA	5,629,161	5/13/97	Muller et al.	435	7.1	
	AB	5,679,509	10/21/97	Wheeler et al.	435	5	
	AC	5,719,054	2/17/98	Bournnell et al.	435	320.1	


Foreign Patent Documents or Published Foreign Patent Applications

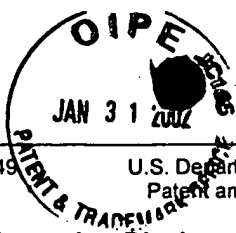
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P	AD	0 451 550 A2		EP				
J	AE	WO 92/05248		PCT				
	AF	WO 96/19496		PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AG	
	AH	

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Examiner Signature 	Date Considered 6/19/02
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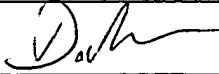
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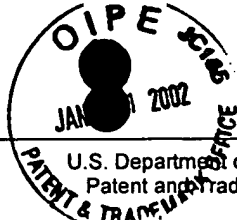
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Substitute Form PTO-1449 (Modified) Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-013001	Application No. 09/664,225
	Applicant Mary Lynne Hedley et al.		
	Filing Date September 18, 2000	Group Art Unit 1633	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date/ If Appropriate
Q	AA	4,741,872	05/03/1998	DeLuca et al.	264	4.7	
	AB	4,777,239	10/11/1988	Schoolnik et al.	530	326	
	AC	5,075,109	12/24/1991	Tice et al.	424	88	
	AD	5,413,797	05/09/1995	Khan et al.	424	489	
	AE	5,547,846	08/20/1996	Bartsch et al.	435	7.1	
	AF	5,580,859	12/03/1996	Felgner et al.	514	44	
	AG	5,589,466	12/31/1996	Felgner et al.	514	44	
	AH	5,593,972	01/14/1997	Weiner et al.	514	44	
	AI	5,633,234	05/27/1997	August et al.	514	44	
	AJ	5,643,605	07/01/1997	Cleland et al.	424	489	
	AK	5,648,459	07/15/1997	Cole et al.	530	324	
	AL	5,656,297	08/12/1997	Bernstein et al.	424	484	
	AM	5,679,647	10/21/1997	Carson et al.	514	44	
	AN	5,695,770	12/09/1997	Raychaudhuri et al.	424	278.1	
	AO	5,703,055	12/30/1997	Felgner et al.	514	44	
	AP	5,705,151	01/06/1998	Dow et al.	424	93.21	
	AQ	5,709,860	01/20/1998	Raychaudhuri et al.	424	184.1	
	AR	5,736,524	04/07/1998	Content et al.	514	44	
	AS	5,783,567	07/21/1998	Hedley et al.	514	44	
	AT	6,007,806	12/28/1999	Lathe et al.	424	93.2	
	AU	6,248,565	June 19, 2001	Williams et al.	435	69.7	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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Q	AV	60-147368	07/04/1985	Japan				
	AW	WO 93/22338	11/11/1993	PCT				
	AX	WO 94/04557	03/03/1994	PCT				

Examiner Signature 	Date Considered 11/7/03
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Sheet 2 of 4

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Substitute Form PTO-1449 (Modified) Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-013001	Application No. 09/664,225
	Applicant Mary Lynne Hedley et al.		
	Filing Date September 18, 2000	Group Art Unit 1633	

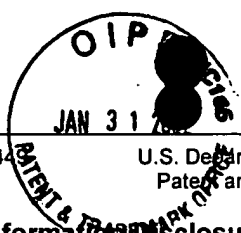
Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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OV	AY	WO 94/20127	09/15/1994	PCT				
	AZ	WO 94/21680	09/29/1994	PCT				
	AAA	WO 94/23738	10/27/1994	PCT				
	ABB	WO 95/24929	09/21/1995	PCT				
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	ADD	WO 97/17063	05/15/1997	PCT				
	AEE	WO 97/33602	09/18/1997	PCT				
	AFF	WO 97/41440	11/06/1997	PCT				
	AGG	WO 97/42940	11/20/1997	PCT				
	AHH	WO 98/31398	07/23/1998	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
OV	AII	Collins et al., "Processing Of Exogenous Liposome-Encapsulated Antigens In Vivo Generates Class I Mhc-Restricted T Cell Responses," THE JOURNAL OF IMMUNOLOGY, 148:3336-3341, No. 11, June 1, 1992
	AJJ	Donnelly et al., "Immunization with DNA," JOURNAL OF IMMUNOLOGICAL METHODS, 176:145-152, No. 2, 1994
	AKK	Elliott et al., "Processing of Major Histocompatibility Class I-restricted Antigens in the Endoplasmic Reticulum," THE JOURNAL OF EXPERIMENTAL MEDICINE, 181:1481-1491, April 1995
	ALL	Feltkamp et al., "Vaccination with cytotoxic T Lymphocyte epitope-containing peptide protects against a tumor induced by human papillomavirus type 16-transformed cells," EUROPEAN JOURNAL OF IMMUNOLOGY, 23:2242-2249, 1993
	AMM	Fries et al., "Liposomal Malaria Vaccine in Humans: A Safe and Potent adjuvant Strategy," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, 89:358-362, January 1992
	ANN	Fynan et al., "DNA Vaccines: Protective Immunizations by Parenteral, Mucosal, and Gene-Gun Inoculations," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, 90:11478-11482, December 1993
	AOO	Gao et al., "Tumor-Associated E6 Protein of Human Papillomavirus Type 16 Contains an Unusual H-2K ^b -Restricted Cytotoxic T Cell Epitope," THE JOURNAL OF IMMUNOLOGY, 155:5519-5526, December 15, 1995
	APP	Hurtenbach et al., "Prevention of Autoimmune Diabetes in Non-Obese Diabetic Mice by Treatment with a Class II Major Histocompatibility Complex-blocking Peptide," THE JOURNAL OF EXPERIMENTAL MEDICINE, 177:1499-1504, May 1993

Examiner Signature 	Date Considered 4/19/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	




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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-013001	Application No. 09/664,225
		Applicant Mary Lynne Hedley et al.	
		Filing Date September 18, 2000	Group Art Unit 1633

Supplemental Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

(37 CFR §1.98(b))

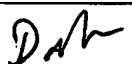
Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
AW	AQQ	Jochmus et al., "Specificity of human cytotoxic T Lymphocytes induced by a human papillomavirus type 16 E7-derived peptide," THE JOURNAL OF GENERAL VIROLOGY, 78:1689-1695, July 1997
	ARR	Kadish et al., "Cell-mediated immune responses to E7 peptides of human papillomavirus (HPV) type 16 are dependent on the HPV type infecting the cervix whereas serological reactivity is not type-specific," THE JOURNAL OF GENERAL VIROLOGY, 75:2277-2284, September 1994
	ASS	Kadish et al., "Lymphoproliferative Responses to Human Papillomavirus (HPV) Type 16 Proteins E6 and E7: Outcome of HPV Infection and Associated Neoplasia," JOURNAL OF THE NATIONAL CANCER INSTITUTE, 89:1285-1293, September 3, 1997
	ATT	Kast et al., "Human Leukocyte Antigen-A2.1 Restricted Candidate Cytotoxic T Lymphocyte Epitopes of Human Papillomavirus Type 16 E6 and E7 Proteins Identified by Using the Processing-Defective Human Cell Line T2," THE JOURNAL OF IMMUNOTHERAPY, 14:115-120, 1993
	AUU	Lin et al., "Treatment of Established Tumors with a Novel Vaccine that Enhances Major Histocompatibility Class II Presentation of Tumor Antigen," CANCER RESEARCH, 56:21-26, January 1, 1996
	AVV	Madden et al., "The Antigenic Identity of Peptide-MHC Complexes: A Comparison of the conformations of Five Viral Peptides Presented by HLA-A2," CELL, 75:693-708, November 19, 1993
	AWW	Mowat et al., "ISCOMS - A Novel Strategy for Mucosal Immunization?", IMMUNOLOGY TODAY, 12:383-385, 1991
	AXX	Nabel et al., "Transduction of a Foreign Histocompatibility Gene into the Arterial Wall Induces Vasculitis," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, 89:5157-5161, No. 11, June 1992
	AYY	Osband et al., "Problems in the Investigational Study and Clinical Use of Cancer Immunotherapy," IMMUNOLOGY TODAY, 11:193-195, 1990
	AZZ	Reddy et al., "In Vivo Cytotoxic T Lymphocyte Induction with Soluble Proteins Administered in Liposomes," THE JOURNAL OF IMMUNOLOGY, 148:1585-1589, No. 5, March 1, 1992
	AAAA	Ressing et al., "Human CTL Epitopes Encoded by Human Papillomavirus Type 16 E6 and E7 Identified Through In Vivo and In Vitro Immunogenicity Studies of HLA-A 0201 Binding Peptides," THE JOURNAL OF IMMUNOLOGY, 154:5934-5943, June 1, 1995
	ABBB	Ressing et al., "Occasional Memory Cytotoxic T-Cell Responses of Patients with Human Papillomavirus Type 16-positive Cervical Lesions against a Human Leukocyte Antigen-A 0201-restricted E7-encoded Epitope," CANCER RESEARCH, 56:582-588, February 1, 1996
	ACCC	Shrine et al., "Pangaea Aims Naturally Processed Peptides at First viral Target: Human Papilloma Virus," BIOWORLD TODAY, THE BIOTECHNOLOGY NEWSPAPER, 7:1-2, May 15, 1996
	ADDD	Stellar et al., "Human Papillomavirus Immunology and Vaccine Prospects," JOURNAL OF THE NATIONAL CANCER INSTITUTE MONOGRAPHS, No. 21, pp. 145-148, 1996
	AEEE	Takahashi et al., "Induction of CD8 Cytotoxic T Cells by Immunization with Purified HIV-1 Envelope Protein in ISCOMs," NATURE, 344:873-875, April 1990
	AFFF	Tarpey et al., "Human Cytotoxic T Lymphocytes Stimulated by Endogenously processed human papillomavirus type 11 E7 recognize a peptide containing a HLA-A2 (A*0201) motif," IMMUNOLOGY, 81:222-227, February 1994

Examiner Signature 	Date Considered 4/29/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Applicant Mary Lynne Hedley et al.			
	Filing Date September 18, 2000		Group Art Unit 1633	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
AS	AGGG	Tsukui et al., "Interleukin 2 Production in vitro by Peripheral Lymphocytes in response to Human Papillomavirus-derived peptides: Correlation with Cervical Pathology," CANCER RESEARCH, 56:3967-3974, September 1, 1996
	AHHH	Urban et al., "A subset of HLA-B27 Molecules contains peptides much longer than nonamers," PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, 91:1534-1538, February 1994
	AIII	Vitiello et al., "Analysis of the HLA-restricted Influenza-specific Cytotoxic T Lymphocyte Response in Transgenic Mice Carrying a Chimeric Human-Mouse Class I Major Histocompatibility Complex," THE JOURNAL OF EXPERIMENTAL MEDICINE, 173:1007-1015, April 1991
	AJJJ	Vitiello et al., "Development of a Lipopeptide Based Therapeutic Vaccine to Treat Chronic HBV Infection," THE JOURNAL OF CLINICAL INVESTIGATION, 95:341-349, January 1995
	AKKK	Zhu et al., "Both Immunization with Protein and Recombinant Vaccinia Virus Can Stimulate CTL Specific for the E7 Protein of Human Papilloma Virus 16 in H-2 ^d Mice," SCANDINAVIAN JOURNAL OF IMMUNOLOGY, 42:557-563, 1995

Examiner Signature 	Date Considered 9/19/02
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